

 **renova**  
WE NEVER LOSE CONTROL



 **moviroll**

REEL PUSHERS & ACCESSORIES



# moviroll

## ROLL PUSHERS & ACCESSORIES

Moviroll roll pushers improve the productivity and increase the safety level as they allow the operator to effortlessly and safely maneuver both large and small cylindrical loads. Moviroll roll pushers reduce risks for the operator according to the Technical Standards ISO 11228 "Ergonomics Manual handling".

They are ideal to move wire and cable reels, but they are also used to move loads in several other industrial applications.

A wide range of pneumatically and battery operated models plus a variety of optionals and accessories are available, all of them designed, manufactured and assembled on site at Renova. For this reason we are able to quickly work on customized projects at competitive prices.

Send us your application requirements and we will work with you to find the model that suits your needs.

Click on the "play" icons in this catalog and see demonstration videos!





# BATTERY MODELS

Battery roll pushers offer the advantage of free movement without the constraints of the pneumatic connections or electrical cables.

**VARIABLE SPEED**  
to suit any operator needs

**FORWARD & REVERSE GEAR**  
two buttons shielded from dirt, dust and water



**CHARGE INDICATOR**  
LEDs or display depending on the model



**ON/OFF SWITCH**  
preserves the battery charge

**OVERSIZED WHEELS**  
to easily overcome any obstacles along the way

**CUT FRAMES**  
easy removal of roller & bearings





# LITHIUM BATTERY

We provide high performance systems with the longest running time respecting the environment and safeguarding the health of the operator.



## PLUG & PLAY

Quick battery changes in less than 10''



## ECO-FRIENDLY

Battery charger provided



## DURABLE CHARGE

Up to 50 working hours with one battery charge



## RAPID RECHARGE

Maximum 4 hours required for a full recharge



## LONG LIFE SPAN

Battery life span about 500 recharges

## Battery series

48 V



24 V



## 2 YEAR WARRANTY

Applied to the battery and to the device





# MRE XS L

## SUPER COMPACT DESIGN

MRE XS L is the best solution to fit narrow spaces or when the need of separating two rolls arises. The handle can be mounted at two heights from the ground, 850 or 920 mm.

new

### AUTO SWITCH-OFF DISPLAY

helps saving energy while giving the machine more battery autonomy.

new

### ANTI-ROLLBACK

let go of the accelerator without the risk of the roll moving back due to the weight of the roll especially during the lift phase.



model	thrust force	max rolls diameter	motor	battery	max speed	unit weight
MRE 100 XS L	30000 kg	2900 mm	48 V DC IP 44 brushless	lithium 48 V	8 m/min	30 kg
MRE 200 XS L	35000 kg	2900 mm	48 V DC IP 44 brushless	lithium 48 V	6 m/min	30 kg
MRE 300 XS L	40000 kg	2900 mm	48 V DC IP 44 brushless	lithium 48 V	4 m/min	30 kg





# MRE L

## FOR BIG DIAMETER REELS

**MRE L** can move big or small reels without any effort by the worker and in total safety by eliminating possible injuries caused by manual pushing.

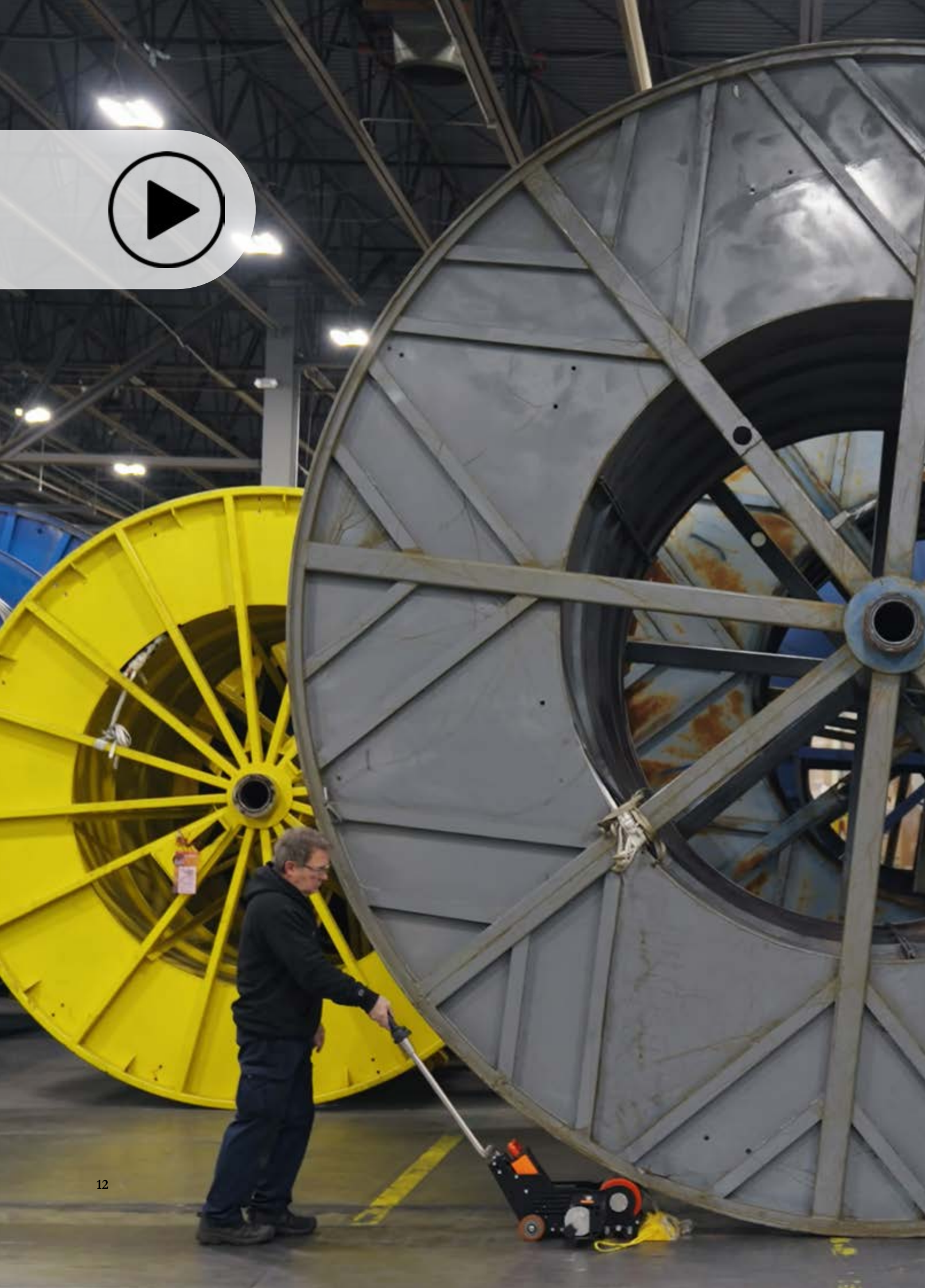
### TILTING HANDLE



The operator can work alongside the load needing only to turn the handle and “pull” the load instead of thrusting it.

model	thrust force	max rolls diameter	motor	battery	max speed	unit weight
MRE 100 L	15000 kg	4500 mm	24 V DC IP 44	lithium 24 V	5 m/min	36 kg
MRE 200 L	20000 kg	4500 mm	24 V DC IP 44	lithium 24 V	4 m/min	36 kg
MRE 300 L	30000 kg	4500 mm	24 V DC IP 44	lithium 24 V	2,5 m/min	36 kg





new

# MRE500L MRE1000L

**CAN PUSH UP TO 100 TONS**

MRE 500 L and MRE 1000L are heavy-duty and extremely powerful models especially designed to move big and heavy reels up to 100 tons.



## 'L' CURVED HANDLE

Especially designed for big reels. It ensures the right safety distance of the operator from the reel.

model	thrust force	max rolls diameter	motor	battery	max speed	unit weight
MRE 500 L	50000 kg	6000 mm	24 V DC IP 44	lithium 24 V	3,5 m/min	50 kg
MRE 1000 L	100000 kg	no limits	24 V DC IP 44	lithium 24 V	3,5 m/min	50 kg



# PNEUMATIC MODELS

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Pneumatic models use the power of a high quality pneumatic gear motor powered by pressurized air at 6 bar and are suitable with straight or curved handle "S".

## ERGONOMIC HANDLE

all models are available with straight handle or curved handle 'S'

## SAFE ACTIVATION OF ROLLERS

only when the load is applied

## POWERFUL MOTOR

powered by pressurized and lubricated air at 6 bar

## STURDY DESIGN

compact, handy and heavy duty







# MR L

## STRAIGHT OR CURVED HANDLE

The engine of the **MR L model** has been designed with reduced and controlled speed to ensure the operator safety in handling even the largest and heaviest drums. MR L models are available with straight handle or curved handle 'S'.



straight handle

curved handle 'S'

model	thrust force	max rolls diameter	max speed	air pressure	air consumption	unit weight
MR100 L	20000 kg	2600 mm	15 m/min	6-7 bar	28 l/sec	24 kg
MR100 SL	20000 kg	3100 mm	15 m/min	6-7 bar	28 l/sec	24 kg
MR200 L	30000 kg	2600 mm	13 m/min	6-7 bar	40 l/sec	24 kg
MR200 SL	30000 kg	3100 mm	13 m/min	6-7 bar	40 l/sec	24 kg



# ANCILLARY EQUIPMENT

Moviroll ancillary equipment integrates the functionality of the pneumatic and battery powered roll pushers, as they support the operator in all processes related to the handling of loads.







# REEL TURNER

CODE: RTS8000

Ideal for rotating or reorienting flanged reels (as wire and cable reels) up to 8000 kg.

Tailored projects for loads over 8000 kg.



# SAFETY STOP WEDGE

CODE: WSS8000

Used as a safety precaution to prevent large rolls from rolling beyond their intended travel.

Tailored projects for loads over 8000 kg.







## MOVIDRUM

Movidrum is a motorless reel mover that allows to effortlessly and safely push reels on a flat surface.

Movidrum drum mover is a customized product according to the bore diameter, reel diameter, reel weight and reel width.

Max. thrust force 650 kg.



## ROTATING PLATE

Safely rotates 360° cylindrical loads without any effort for the operator.



model	load capacity	rotation	unit weight	unit dimensions
PRT2000	2000 kg	360°	35 kg	400 x 380 mm
PRT7000	7000 kg	360°	46 kg	700 x 680 mm



# OPTIONALS

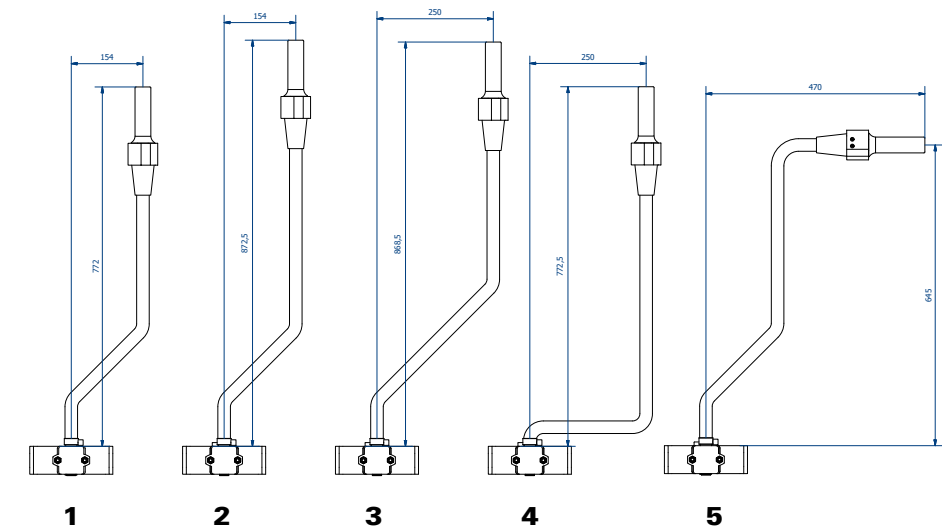


## PLATES

Custom plates are designed to push flange reels on rails.

## HANDLES

A wide range of different handles are available for all battery driven roll pushers.



## AIR SUPPLY KIT

CODE: MVRK001



Only for pneumatic roll pushers.  
It is inclusive of:

- spiral pipe
- lubricator filter
- pipe fitting



**we are here to *support* you**

Please don't hesitate to **contact** us for any information or **custom projects**.

**Click** the **APPLICATION icon** and send us your application requirements and we will work with you to find the solution that fits your needs.



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APPLICATION







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